



GROUP  
PRÄZISION IN NEUEN DIMENSIONEN

INNOVATION  
MACHINING & HARD TURNING  
HYDRAULIC VALVES  
PRECISION  
LEAN-MANAGEMENT  
VISION  
SURFACE TREATMENT  
PRECISION TURNED  
ECM & PECM TECHNOLOGY

EXCLUSIVE HYDRAULICS  
JUST-IN-TIME  
PNEUMATIC VALVES

PRECISION MILLED PARTS  
PRECISION  
LEAN-MANAGEMENT  
COMPONENT ASSEMBLY

SFB SCHWÄBISCHE FORMDREHTEILE GMBH & CO. KG

SFB ECM Technologie GmbH

SFB Polska Sp. z o.o.

Agromet Sp. z o.o.

SFB. We are your reliable partner with long-term experience and core competence in

- > **PRECISION PARTS**
- > **HYDRAULIC COMPONENTS**
- > **VALVE TECHNOLOGY**

starting at the development phase of your products.





**SFB SCHWÄBISCHE FORMDREHTEILE** GMBH & CO. KG

- > Founded in 1941
- > 29,000 sqm of company`s premises
- > 11,000 sqm of production area
- > 380 employees with a high proportion of skilled labourers and experts
- > A partner with an extraordinarily high processing depth
- > A broad product and sector range

**We efficiently** produce pre-finished and reliable components in small and large production series for renowned industrial customers from the following industries

- > Passenger & Commercial Vehicles
- > Mechanical Engineering
- > Medical Technology
- > Food Production
- > Hydraulics & Pneumatics
- > The Aerospace Industry
- > Heating Technology
- > The Electrics & Electronics Industry

**We** are partners with decades of experience and a very high level of vertical integration

- > Turning
- > Milling
- > Precision machining
- > Surface technology
- > Component assembly & Valve technology

**We** deliver your complete product from a single source

- > Precision turned parts
- > CNC Milling
- > Hard machining & surface treatment
- > Valve Technology
- > Hydraulic Components
- > Mechanical Assemblies

**HIGH-TECH IS OUR PROFESSION.**





### PRECISION TURNED PARTS - MEDIUM AND LARGE PRODUCTION SERIES

- › Complex, off-the-peg precision parts on multi-axis single and multi-spindle machines
- › CNC long turned and chuck-held parts in serial production from 500 to 500,000 units
- › A high degree of economic efficiency through multiple machine operation
- › We machine all types of steel, case-hardening and highly hardened nitriding steels, stainless steels, non-ferrous metals

### CNC MILLING

- › Single and multi-spindle processing centres for  $\mu$ -precise metal cutting
- › Up to 5 CNC-controlled axes
- › Machine tool with a loading capacity of up to 180 units
- › Machining from solid steel, stainless steel and aluminium blocks, as well as from forging and casting blanks

### MACHINING & SURFACE TREATMENT

- › Centerless plunge-cut and throughfeed grinding, conventional and CNS-controlled honing
- › Hard turning and grinding in one set-up
- › ECM deburring and PECM lowering > **SFB ECM Technologie GmbH - APPLICATION CENTRE FOR PEMTEC IN BAVARIA**
- › Sand and ceramic blasting, TEM deburring
- › Heat treatment (nitriding, case hardening, etc.) as well as other surface treatment with efficient partners

### VALVE TECHNOLOGY FOR HYDRAULICS & PNEUMATICS

- › Control, regulating and non-return valves
- › Spool and pressure control valves
- › Dosing valves
- › Pressure maintenance valves
- › ABS valves

### HYDRAULIC COMPONENTS

- › Highly complex hydraulic blocks
- › Control blocks (aluminium/cast/steel and non-ferrous metals)
- › Housing manufacture (cubic production)
- › Control and valve pistons
- › Fully assembled hydraulic components

### MECHANICAL ASSEMBLIES

- › Precision-machined and accurately controlled individual parts
- › Installation of high-quality assemblies and equipment
- › Procurement and purchasing logistics of purchased parts
- › Functional checks on own (hydraulic & pneumatic) test benches
- › Comprehensive quality control including documentation





### THE FOUNDATION OF OUR SUCCESS - LEAN MANAGEMENT

- > Implementation of the LEAN concept from the project phase to serial maturity under the management of a project engineer in our SFB Lean Production System
- > A high degree of economic efficiency through product-specific multiple machine operation
- > Continuous Improvement Process
- > 5S and regular value stream analyses
- > Optimised throughput times, KANBAN control
- > Consistent setup optimisation
- > A lean structure

### WE DELIVER QUALITY

- > Integrated management system in accordance with DIN EN ISO 9001 and
- > Environmental Management in accordance with DIN EN ISO 14001
- > Regular internal and external audits
- > Standardised assessments in accordance with specified operating sequences
- > Climate-controlled measuring rooms with state-of-the-art equipment
- > Clean rooms for testing and assembly



WE ENSURE MOTION **TOGETHER** WITH OUR CUSTOMERS AND PARTNERS